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## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Lyon and Angov  
U.S. application serial no.: 10/057,531  
Filed: January 25, 2002

Attny Dkt: 003/241/SAP

Title: Isolation and Purification of *P. falciparum* Merozoite Protein-1<sub>42</sub> Vaccine

\*\*\*\*\*

12 June 2002

RESPONSE

Commissioner of Patents and Trademarks  
Box Sequence Listing  
Washington, D.C. 20231

Sir:

This is in response to the Notice to File Missing Parts of Application and the Notice to Comply with Sequence Listing Requirements dated March 5, 2002 in the subject application. Herewith submitted are the following:

- 1- an executed Declaration
- 2- a substitute paper and computer readable form (CRF) copy of the "Sequence Listing" in the subject application.

Kindly replace the originally filed sequence listing with the herein enclosed substitute sequence listing pages 1-12. I hereby state that the content of the substitute paper and computer readable copies are the same and include no new matter.

Entry of the corrected Sequence Listing and executed Declaration is respectfully requested.

Respectfully submitted,

U.S. A. MRMCM  
504 Scott Street  
Fort Detrick, MD 21702-5012  
ATTN: MCMR -JA (Elizabeth Arwine-Patent Atty)

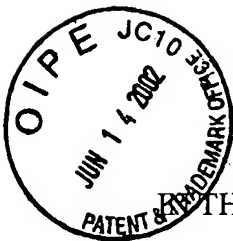
By Elizabeth Arwine Reg No 39,441  
fo Elizabeth Arwine  
U.S. Reg. No. 45,867

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Box Sequence Listing, Box 2327, Arlington, VA 22202, on 12 June 2002.

By Sana A. Pratt  
Sana A. Pratt  
U.S. Reg. No. 39,441

06/21/2002 MAHMED1 00000066 210380 10057531

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T.D

MP #  
Box Sequence

THE UNITED STATES PATENT AND TRADEMARK OFFICE  
**TRANSMITTAL FORM**

In re Application of Lyon and Angov      Attny Dkt: 003/241/SAP  
U.S. application serial no.: 10/057,531  
Filed: January 25, 2002  
Title: Isolation and Purification of P. falciparum Merozoite Protein-1<sub>42</sub> Vaccine

\*\*\*\*\*

12 June 2002

Honorable Commissioner of  
Patents and Trademarks  
Washington, D. C. 20231

Sir:

Transmitted for filing herewith are the following items:

[x] Response to Notice to File Missing Parts of Application dated  
March 15, 2002

[x] 1 sheet of Executed Declaration

[12] Sheets of paper Sequence Listing

[x] A diskette with computer readable form of Sequence Listing

[x] Surcharge required [x] yes [ ] no

\$130.00

[x] Petition to extend the original due date of May 15, 2002

to cover the date of this paper accompanied by the extension

fee of: (Large/Small entity):

[x] 1 mo. \$110/\$55

[ ] 2 mos. \$400/\$200

[ ] 3 mos. \$930/\$465

[ ] 4 mos. \$1,470/735):

\$110.00

Fee required

\$240.00

Please charge the above fee and any missing or inadequate fee re this paper to  
Deposit Account No. **21-0380** for which purpose a duplicate copy of this sheet is  
attached.

Respectfully submitted,

U.S. Army Medical and Materiel Command  
504 Scott Street  
Fort Detrick, Maryland 21702-5012  
ATTN: MCMR JA (Ms. Elizabeth Arwine- Patent Atty)

by S.A. Pratt, Reg No 39,441  
for Elizabeth Arwine  
U.S. Agent No. 45,867

I hereby certify that this correspondence is being deposited with the United States  
Postal Service with sufficient postage as first class mail in an envelope addressed to:  
Honorable Commissioner of Patents and Trademarks, Box Sequence, P.O.Box 2327  
Arlington, VA 22202, on the date of June 12, 2002.

Respectfully submitted,

by S.A. Pratt  
Sana A. Pratt



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/057,531	01/25/2002	Jeffrey A. Lyon	

CONFIRMATION NO. 2343

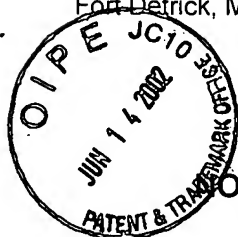
## FORMALITIES LETTER



\*OC000000007649930\*

U. S. Army Medical Research and Materiel Command  
ATTN: MCMR-JA (Ms. Elizabeth Arwine- Patent Atty)  
504 Scott Street  
Fort Detrick, MD 21702-5012

Date Mailed: 03/15/2002



## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

06/21/2002 HANDED1 00000066 210380 10057531

01 FC:105 130.00 CH

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

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*A copy of this notice MUST be returned with the reply.*



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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE